

DECLARATION AND POWER OF ATTORNEY

(Attorney Docket No: 42697.147 (US2))

As below-named inventors, we hereby declare that:

Our residences, post office addresses and citizenship are as stated below next to our names.

We believe that we are the original, and only inventors of the subject matter which is claimed and for which a patent is sought on the invention entitled:

VAPOR DEPOSITION OF TUNGSTEN NITRIDE

the specification of which (check only one):

☐ is attached hereto.

☒ was filed as United States Patent Application
Serial No. 10/520,456 on January 6, 2005

☐ was filed as PCT Patent Application Serial No. _____ on _____
and was amended under PCT Article 19 on _____ (if applicable)

We hereby state that we have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above.

We acknowledge the duty to disclose information which is material to the patentability of the claims of this application in accordance with Title 37, CFR §1.56(a) and §1.56(b). We also acknowledge the duty to disclose all information which is material to the patentability as defined in 37 CFR §1.56, which became available between the filing date of the prior application and the national or PCT international filing date of the continuation-in-part application.

We hereby claim foreign priority benefits under Title 35, United States Code, §119(a)-(e) or 365(b) of any foreign application(s) for patent or inventor's certificate or 365(a) of any PCT international application(s) designating at least one country other than the United States of America listed below and have also identified below any foreign application(s) for patent or inventor's certificate or any PCT international application(s) designating at least one country other than the United States of America filed by us on the same subject matter having a filing date before that of the application(s) of which priority is claimed:

**PRIOR FOREIGN/PCT APPLICATION(S) AND ANY PRIORITY CLAIMS
UNDER 35 U.S.C. §119(a)-(d) or 365(b), or 365(a):**

| COUNTRY (if PCT indicate PCT) | APPLICATION NUMBER | DATE OF FILING | PRIORITY CLAIMED UNDER 35 U.S.C. §119 (YES/NO) |
|-------------------------------------|-----------------------|----------------|---|
| | | | |

USSN 10/520,456
Gordon, et al.

I hereby claim benefit under 35 U.S.C. §119(e) of any United States provisional application(s) listed below:

| Application Number(s) | Filing Date (MM/DD/YYYY) | Status: Pending or Abandoned |
|-----------------------|-----------------------------|---------------------------------|
| 60/395,572 | 07/12/2002 | ABANDONED |

We hereby claim the benefit under Title 35, United States Code, §120 of any United States application(s) or 365(c) of any PCT international application(s) designating the United States of America that is/are listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in that/those prior application(s) in the manner provided by the first paragraph of Title 35, United States Code, §112, we acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, §1.56 which occurred between the filing date of the prior applications and the national or PCT international filing date of this application:

**PRIOR U.S. APPLICATION OR PCT INTERNATIONAL APPLICATION(S)
DESIGNATING THE U.S. FOR BENEFIT UNDER 35 U.S.C. §120 or 365(c):**

| APPLICATION NUMBER | DATE OF FILING (day, month, year) | STATUS: (PATENTED, PENDING OR ABANDONED) |
|--------------------|--------------------------------------|--|
| PCT/US03/21281 | 07/09/2003 | ABANDONED |

POWER OF ATTORNEY: As named inventors, we hereby appoint the following attorneys and/or agents to prosecute this application and transact all business in the Patent and Trademark Office connected therewith.

CUSTOMER NO. 23483

the mailing address and telephone number of each of whom is c/o Wilmer Cutler Pickering Hale and Dorr LLP, 60 State Street, Boston, Massachusetts 02109 U.S.A., (617) 526-6000.

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Wilmer Cutler Pickering Hale and Dorr LLP
60 State Street
Boston, Massachusetts 02109

Direct Telephone Calls to:

Mary Rose Scozzafava
(617) 526-6015 Phone
(617) 526-5000 Facsimile

Wherefore, we petition that letters patent be granted to us for the invention or discovery described and claimed in the attached specification and claims, and hereby subscribe our names to said specification and claims and to the foregoing declaration, power of attorney, and this petition.

We hereby declare that all statements made herein of our own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

100 Full name of first joint inventor: **Roy G. Gordon**

Inventor's signature

Roy G. Gordon

Date

8/31/05

Residence:

22 Highland Street, Cambridge, MA 02138

MA

Citizenship:

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Post Office Address:

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Full name of second joint inventor: **Seigi Suh**

Inventor's signature

Date

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Citizenship:

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Full name of third joint inventor: **Jill Becker**

Inventor's signature

Date

Residence:

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Citizenship:

Canada/Germany

Post Office Address:

same as above

We hereby declare that all statements made herein of our own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Full name of first joint inventor: Roy G. Gordon

Inventor's signature _____ Date _____
Residence: 22 Highland Street, Cambridge, MA 02138
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200 **Full name of second joint inventor: Seigi Suh**

Inventor's signature *Seigi Suh* Date *10/11/2005*
Residence: 209 Ketrick Ct., Cary, NC 27519 *NC*
Citizenship: Korea
Post Office Address: same as above

Full name of third joint inventor: Jill Becker

Inventor's signature _____ Date _____
Residence: 23 Perry Street, Cambridge, MA 02139
Citizenship: Canada/Germany
Post Office Address: same as above

We hereby declare that all statements made herein of our own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Full name of first joint inventor: Roy G. Gordon

Inventor's signature _____ Date _____
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Full name of second joint inventor: Seigi Suh

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Full name of third joint inventor: Jill Becker

Inventor's signature Jill Becker Date AUG 21 05
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